2022 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL WAVE 108 May 2022 MAY 2-8, 2022¹

ASK ALL:

ENV2 Do you favor or oppose EXPANDING each of the following sources of energy in our country? [RANDOMIZE ITEMS]

- a. More offshore oil and gas drilling in U.S. waters
- Beliefs about energy source
- b. More nuclear power plants to generate electricity
- c. More coal mining
- d. More solar panel "farms"
- e. More hydraulic fracturing, sometimes called "fracking," for oil and natural gas
- f. More wind turbine "farms"

- 1 Favor
- 2 Oppose

Do you favor or oppose EXPANDING each of the following sources of energy in our country?
More hydraulic fracturing, sometimes called "fracking," for oil and natural gas
O Favor
O Oppose
More wind turbine "farms"
O Favor
O Oppose
More solar panel "farms"
○ Favor
O Oppose

¹Open-end responses are excluded from public datasets to protect the confidentiality of ATP panelists

More coal mining			
O Favor			
O Oppose			
More nuclear power plants to generate electricity			
O Favor			
O Oppose			
More offshore oil and gas drilling in U.S. waters			
O Favor			
O Oppose			
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RANDOMIZE ENKNOW1 AND ENKNOW2

ASK ALL:

€NKNOW1

As far as you know, to meet its energy needs, does the U.S.... [RANDOMIZE OPTIONS 1 AND 2 WITH 3 AND 4 ALWAYS LAST]

Same

- 1 Produce most of the energy it uses inside of the U.S.
- 2 Import most of the energy it uses from other countries
- Produce about half and import about half of the energy it uses [ANCHOR]

[SPACE]

4 Not sure [ANCHOR]



RANDOMIZE ENKNOW1 AND ENKNOW2 ASK ALL:

ENKNOW2

As far as you know, to meet its energy needs, does the U.S rely mostly on...

[RANDOMIZE OPTIONS 1-3 WITH 4 ALWAYS LAST]

Same

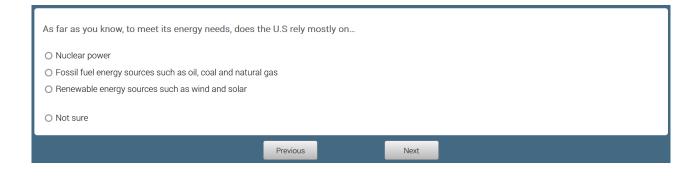
Fossil fuel energy sources such as oil, coal and natural gas

Renewable energy sources such as wind and solar

3 Nuclear power

[SPACE]

4 Not sure [ANCHOR]



Right now, which ONE of the following do you think should be the more important priority for addressing America's energy supply? [RANDOMIZE ORDER OF RESPONSE 1 AND 2]

Same

- Developing alternative sources, such as wind, solar and hydrogen technology
- 2 Expanding exploration and production of oil, coal and natural gas

Right now, which ONE of the following do you think should be the more important priority for addressing America's energy supply?

O Developing alternative sources, such as wind, solar and hydrogen technology
O Expanding exploration and production of oil, coal and natural gas

As you may know, in response to the Russian invasion of Ukraine, there are countries in Europe that are trying to reduce the amount of natural gas they buy from Russia.

ASK ALL:

GASXPORT1

Overall, would you favor or oppose the U.S. expanding natural gas production to export large amounts of natural gas to European countries?

- 1 Favor
- 2 Oppose

As you may know, in response to the Russian invasion of Ukraine, there are countries in Europe that are trying to reduce the amount of natural gas they buy from Russia.

Overall, would you favor or oppose the U.S. expanding natural gas production to export large amounts of natural gas to European countries?

O Favor
O Oppose

GASXPORT2

When it comes to whether the U.S. should export large amounts of natural gas to European countries, how much of a consideration should each of the following be? **[RANDOMIZE ITEMS]**

- a. The impact on climate change
- b. The impact on the Russian economy
- c. The impact on natural gas prices in the U.S.

RESPONSE OPTIONS

- 1 Major consideration
- 2 Minor consideration
- 3 Not a consideration

When it comes to whether the U.S. should export large amounts of natural gas to European countries, how much of a consideration should each of the following be?
The impact on the Russian economy
O Major consideration
O Minor consideration
O Not a consideration
The impact on climate change
O Major consideration
O Minor consideration
O Not a consideration
The impact on natural gas prices in the U.S.
O Major consideration
O Minor consideration
O Not a consideration
Previous Next Next

ASK ALL:

EVCAR2

The next time you purchase a vehicle, how likely are you to seriously consider purchasing an electric vehicle?



Very likely

2 Somewhat likely

3 Not too likely

4 Not at all likely

[SPACE]

I do not expect to purchase a vehicle

The next time you purchase a vehicle, how likely are you to seriously consider purchasing an electric vehicle?
○ Very likely
O Somewhat likely
O Not too likely
O Not at all likely
○ I do not expect to purchase a vehicle
Previous Next

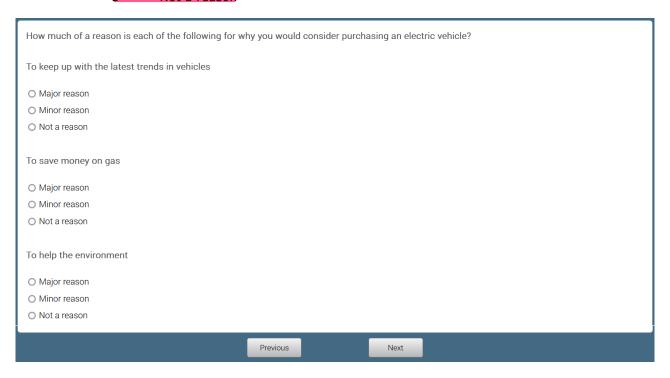
ASK IF VERY/SOMEWHAT LIKELY (EVCAR2=1,2):

EVCAR2B How much of a reason is each of the following for why you would consider purchasing an electric vehicle? [RANDOMIZE ITEMS]

EV

- a. To save money on gas
- To help the environment
- c. To keep up with the latest trends in vehicles

- 1 Major reason
- 2 Minor reason
- 3 Not a reason

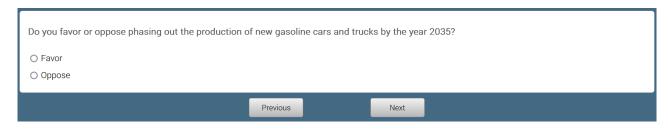


EVCAR3

Do you favor or oppose phasing out the production of new gasoline cars and trucks by the year 2035?

Belief on Energy

Favor
 Oppose



ASK ALL:

EVCAR1

Do you currently have an electric or hybrid vehicle?

EV



We could do a cluster analysis on the Yes's if there are enough?



ASK ALL:

LAWCOST

Which of these statements comes closer to your view, even if neither is exactly right? [RANDOMIZE ORDER OF RESPONSE 1 AND 2]

- Stricter environmental laws and regulations cost too many jobs and hurt the economy
- 2 Stricter environmental laws and regulations are worth the cost

Which of these statements comes closer to your vie	w, even if neither is exact	tly right?	
Stricter environmental laws and regulations are worth Stricter environmental laws and regulations cost too n		omy	
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ENVIR8 How much do you think the federal government is doing to... **[RANDOMIZE ITEMS]**

Individual Resp.

- a. Protect air quality
- b. Protect water quality of lakes, rivers and streams
- c. Protect animals and their habitats
- d. Protect open lands in national parks and nature preserves
- e. Reduce the effects of global climate change

- 1 Too much
- 2 Too little
- 3 About the right amount

How much do you think the federal government is doing to
Protect animals and their habitats
○ Too much
○ Too little
O About the right amount
Protect air quality
○ Too much
○ Too little
O About the right amount
Reduce the effects of global climate change
○ Too much
O Too little
O About the right amount
Protect open lands in national parks and nature preserves
○ Too much
○ Too little
O About the right amount
Protect water quality of lakes, rivers and streams
○ Too much
○ Too little
O About the right amount
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Attitudies about Pollutiosk ALL:

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LOCENV

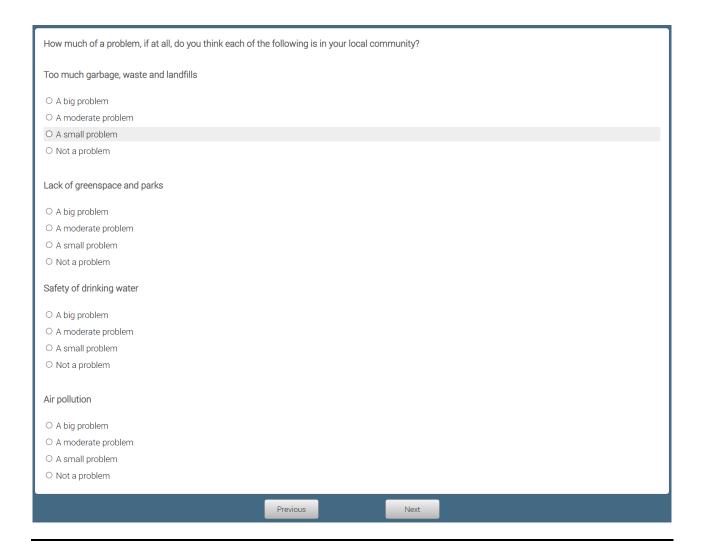
How much of a problem, if at all, do you think each of the following is in your local community? **[RANDOMIZE ITEMS; OBSERVE FORM SPLITS]**

- a. Air pollution
- b. ASK FORM 1,3 [XFORM=1,3]: Pollution of lakes, rivers and streams
- c. ASK FORM 2,4 [XFORM=2,4]: Safety of drinking water
- d. Too much garbage, waste and landfills
- e. Lack of greenspace and parks

RESPONSE OPTIONS

A big problem
A moderate problem
A small problem
Not a problem

How much of a problem, if at all, do you think each of the following is in your local community?
Too much garbage, waste and landfills
○ A big problem
O A moderate problem
O A small problem
O Not a problem
Pollution of lakes, rivers and streams
○ A big problem
O A moderate problem
O A small problem
O Not a problem
Air pollution
○ A big problem
O A moderate problem
O A small problem
O Not a problem
Lack of greenspace and parks
○ A big problem
O A moderate problem
○ A small problem
O Not a problem
Previous Next



ENVRMPCT

In the past 12 months, has your local community experienced the following? **[RANDOMIZE ITEMS]**

- a. Droughts or water shortages Breakout into disaster vs people who have not
- b. Long periods of unusually hot weather
- c. Severe weather, like floods or intense storms
- d. Rising sea levels that erode beaches and shorelines
- e. Major wildfires

- 1 Yes
- 2 No

In the past 12 months, has your local community experienced the following?
Rising sea levels that erode beaches and shorelines
O Yes
○ No
Droughts or water shortages
○ Yes
O No
Long periods of unusually hot weather
○ Yes
○ No
Severe weather, like floods or intense storms
O Yes
○ No
Major wildfires
O Yes
○ No
Previous Next

ASK IF EXPERIENCED EVENT (ENVRMPCTa-e=1):

CCXTRW1

In the past 12 months, how much do you think climate change contributed to the following in your local community? [DISPLAY ITEMS IN SAME ORDER AS ENVRMPCT, ONLY SHOW ITEMS MARKED AS YES (ENVRMPCTa-e=1)]

- a. Droughts or water shortages
- b. Long periods of unusually hot weather
- c. Severe weather, like floods or intense storms
- d. Rising sea levels that erode beaches and shorelines
- e. Major wildfires

- . A lot
- 2 A little
- Not at all

In the past 12 months, how much do you think climate change contributed to the following in your local community?
Rising sea levels that erode beaches and shorelines
O A lot
O A little
O Not at all
Droughts or water shortages
O A lot
O A little
O Not at all
Long periods of unusually hot weather
O A lot
O A little
O Not at all
Severe weather, like floods or intense storms
O A lot
O A little
O Not at all
Major wildfires
O A lot
O A little
O Not at all
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CCPOLICY

Do you favor or oppose the following proposals to reduce the effects of global climate change? **[RANDOMIZE ITEMS]**

- a. Planting about a trillion trees around the world to absorb carbon emissions in the atmosphere
- b. Taxing corporations based on the amount of carbon emissions they produce
- c. Providing a tax credit to encourage businesses to develop technology which captures and stores carbon emissions so they do not enter the atmosphere
- d. Requiring power companies to use more energy from renewable sources, such as wind or solar, to reduce carbon emissions
- e. Providing incentives to increase the use of hybrid and electric vehicles

- 1 Favor
- 2 Oppose

Do you favor or oppose the following proposals to reduce the effects of global climate change?
Taxing corporations based on the amount of carbon emissions they produce
○ Favor
○ Oppose
Requiring power companies to use more energy from renewable sources, such as wind or solar, to reduce carbon emissions
O Favor
○ Oppose
Providing a tax credit to encourage businesses to develop technology which captures and stores carbon emissions so they do not enter the atmosphere
○ Favor
O Oppose
Planting about a trillion trees around the world to absorb carbon emissions in the atmosphere
○ Favor
○ Oppose
Providing incentives to increase the use of hybrid and electric vehicles
O Favor
○ Oppose
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<u> </u>
ASK ALL: BIDENC4 Overall, do you think the Biden administration's policies on climate change are taking the country in the right or wrong direction?

Right direction Wrong direction

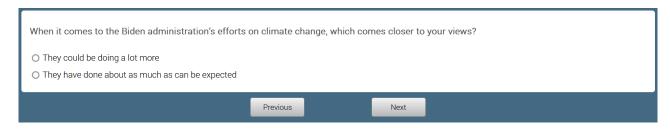
Overall, do you think the Biden administration's poli	cies on climate change are t	taking the country in the right or wrong direction?
Right direction Wrong direction		
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ASK IF RIGHT DIRECTION (BIDENC4=1):

BIDENC5 When it comes to the Biden administration's efforts on climate change, which comes closer to your views? [RANDOMIZE OPTIONS]

1 They have done about as much as can be expected

2 They could be doing a lot more



On a different subject ...

ASK ALL:

COVIDEGFP How would you rate the job each of the following is doing responding to the coronavirus outbreak? **[RANDOMIZE ITEMS]**

- a. Joe Biden
- b. Your state elected officials
- c. Your local elected officials
- d. Public health officials such as those at the CDC (Centers for Disease Control and Prevention)

NO ITEMS e-f

g. Hospitals and medical centers in your area

- 1 Excellent
- 2 Good
- 3 Only fair
- 4 Poor

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On a different subject
How would you rate the job each of the following is doing responding to the coronavirus outbreak?
Your state elected officials
○ Excellent
○ Good
Only fair
○ Poor
Public health officials such as those at the CDC (Centers for Disease Control and Prevention)
O Excellent
○ Good
Only fair
O Poor
Your local elected officials
○ Excellent
○ Good
Only fair
○ Poor
Hospitals and medical centers in your area
○ Excellent
○ Good
O Only fair
O Poor
Joe Biden
O Excellent
○ Good
O Only fair
○ Poor
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COVIDTHREAT How much of a threat, if any, is the coronavirus outbreak for... [RANDOMIZE ITEMS]

- a. The health of the U.S. population as a whole
- b. Your personal health
- c. The U.S. economy
- d. Your personal financial situation

RESPONSE OPTIONS:

- 1 A major threat
- 2 A minor threat
- 3 Not a threat

How much of a threat, if any, is the coronavirus outbreak for
The U.S. economy
○ A major threat
O A minor threat
O Not a threat
Your personal health
○ A major threat
O A minor threat
O Not a threat
The health of the U.S. population as a whole
○ A major threat
O A minor threat
O Not a threat
Your personal financial situation
○ A major threat
O A minor threat
O Not a threat
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ASK ALL:

COVID_FUT

Thinking about the problems the country is facing from the coronavirus outbreak, do you think... **[RANDOMIZE RESPONSE OPTIONS]**

- 1 The worst is behind us
- 2 The worst is still to come

Thinking about the problems the country is facing from the coronavirus outbreak, do you think			
O The worst is behind us O The worst is still to come			
Previous Next			

CVDPRIORTY Thinking about the country's response to the coronavirus outbreak since February 2020, how much priority do you think has been given to each of the following? **[RANDOMIZE ITEMS]**

- a. Protecting public health
- Supporting businesses and economic activity
- c. Respecting individual's choices
- d. Limiting health risks for vulnerable populations
- e. Supporting overall quality of life for the public
- f. Meeting the educational needs of K-12 students

- 1 Too much priority
- 2 Too little priority
- 3 About the right amount of priority

Thinking about the country's response to the coronavirus outbreak since February 2020, how much priority do you think has been given to each of the following?
Supporting businesses and economic activity
○ Too much priority
○ Too little priority
O About the right amount of priority
Respecting individual's choices
○ Too much priority
O Too little priority
O About the right amount of priority
Limiting health risks for vulnerable populations
○ Too much priority
○ Too little priority
About the right amount of priority

Supporting overall quality of life for the public
○ Too much priority
○ Too little priority
O About the right amount of priority
Protecting public health
○ Too much priority
○ Too little priority
O About the right amount of priority
Meeting the educational needs of K-12 students
○ Too much priority
○ Too little priority
O About the right amount of priority
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ASK ALL: RSTCWRK

Over the course of the coronavirus outbreak, how effective do you think each of the following has been in limiting the spread of the coronavirus? [RANDOMIZE ITEMS]

- a. Wearing masks around other people indoors
- b. Staying at least 6 feet apart from other people indoors
- c. Limiting activities and interactions with other people
- d. Vaccination against COVID-19
- e. Wide availability of rapid COVID-19 tests

- 1 Extremely effective
- 2 Very effective
- 3 Somewhat effective
- 4 Not too effective
- 5 Not at all effective

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Over the course of the coronavirus outbreak, how effective do you think each of the following has been in limiting the spread of the coronavirus?
Limiting activities and interactions with other people
Extremely effective
○ Very effective
○ Somewhat effective
O Not too effective
O Not at all effective
Wide availability of rapid COVID-19 tests
Extremely effective
O Very effective
○ Somewhat effective
O Not too effective
O Not at all effective
Staying at least 6 feet apart from other people indoors
Extremely effective
○ Very effective
○ Somewhat effective
O Not too effective
O Not at all effective
Wearing masks around other people indoors
Extremely effective
○ Very effective
○ Somewhat effective
O Not too effective
O Not at all effective
Vaccination against COVID-19
Extremely effective
O Very effective
○ Somewhat effective
O Not too effective
O Not at all effective
Previous Next

COVID_INFECT How concerned, if at all, are you that... [RANDOMIZE ITEMS]

- a. You might spread the coronavirus to other people without knowing that you have it
- b. You will get the coronavirus and require hospitalization

RESPONSE OPTIONS:

- 1 Very concerned
- 2 Somewhat concerned
- 3 Not too concerned
- 4 Not at all concerned

How concerned, if at all, are you that
You will get the coronavirus and require hospitalization
O Very concerned
○ Somewhat concerned
O Not too concerned
O Not at all concerned
You might spread the coronavirus to other people without knowing that you have it
○ Very concerned
○ Somewhat concerned
O Not too concerned
O Not at all concerned
Previous Next Next

ASK ALL:

COVIDTRT Compared with the early stages of the coronavirus outbreak, do you think the effectiveness of treatments and drugs for people with the coronavirus has...

- 1 Gotten a lot better
- 2 Gotten a little better
- 3 Stayed about the same

Compared with the early stages of the coronavirus outbreak, do you think the effectiveness of treatments and drugs for people with the coronavirus has
Gotten a lot better Gotten a little better
O Stayed about the same
Previous Next

COVIDMASK1 In the past month, how often, if ever, have you worn a mask or face covering when in stores or other businesses?

- All or most of the time
- 2 Some of the time
- 3 Hardly ever
- 4 Never
 - [SPACE]
- 5 Have not gone to these types of places

In the past month, how often, if ever, have you worn a mask or face covering when in stores or other businesses?				
O All or most of the time				
O Some of the time				
O Hardly ever				
O Never				
O Have not gone to these types of places				
Previous Next				

ASK ALL:

C_MASKBTHR How much, if at all, does it bother you when... [RANDOMIZE ITEMS]

- a. People around you in public places do not wear masks
- Stores and businesses require customers to wear a mask for service b.

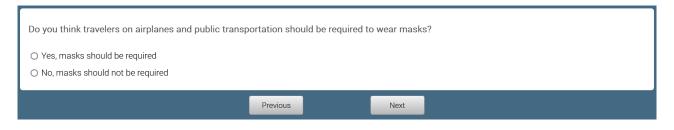
- A lot
- 2 Some
- 3 Not too much
- Not at all

How much, if at all, does it bother you when
People around you in public places do not wear masks
O A lot
○ Some
O Not too much
O Not at all
Stores and businesses require customers to wear a mask for service
○ A lot
○ Some
O Not too much
O Not at all
Previous Next

CMASKTNSIT

Do you think travelers on airplanes and public transportation should be required to wear masks?

- 1 Yes, masks should be required
- 2 No, masks should not be required



ASK ALL:

MASKFLU

If you were sick with a cold or the flu, do you think you would wear a mask when in public?

- 1 Yes, probably would
- 2 No, probably would not

If you were sick with a cold or the flu, do you think you would wear a mask when in public?				
Yes, probably wouldNo, probably would not				
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COVID_VAXDMOD Have you received a vaccine to prevent COVID-19?

- 1 Yes, have had all the shots needed to be fully vaccinated
- Yes, have had one shot but still need one more
- 3 No, have not received a vaccine

ASK ALL:

COVID_BOOST

Have you received a COVID-19 booster shot within the last six months?

- 1 Yes, have received a booster shot
- 2 No, have not received a booster shot
- 3 Does not apply to me

Have you received a vaccine to prevent COVID-19?

O Yes, have had all the shots needed to be fully vaccinated
O Yes, have had one shot but still need one more
O No, have not received a vaccine

Have you received a COVID-19 booster shot within the last six months?
O Yes, have received a booster shot
O No, have not received a booster shot
O Does not apply to me

ASK ALL:

CVDHTEST1

In the past six months, have you taken an at-home COVID-19 test?

- 1 Yes
- 2 No

In the past six months, have you taken an at-home COVID-19 test?

O Yes
O No

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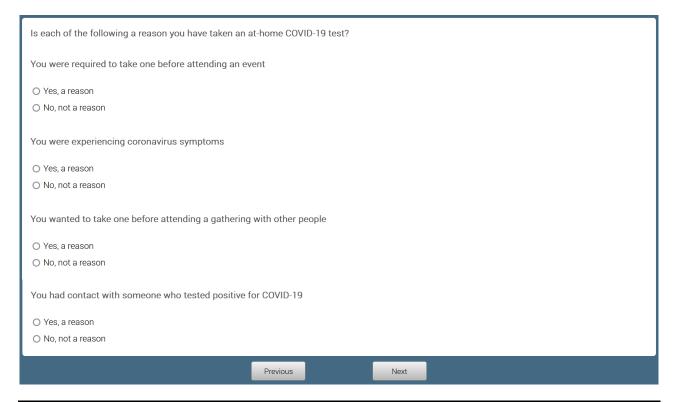
ASK IF TAKEN TEST (CVDHTEST1=1):

CVDHTEST2 Is each of the following a reason you have taken an at-home COVID-19 test? [RANDOMIZE ITEMS]

- a. You were experiencing coronavirus symptoms
- b. You were required to take one before attending an event
- c. You wanted to take one before attending a gathering with other people
- d. You had contact with someone who tested positive for COVID-19

RESPONSE OPTIONS:

- 1 Yes, a reason
- 2 No, not a reason

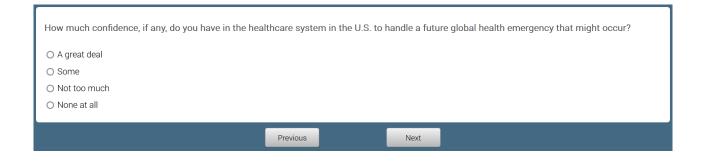


ASK ALL:

GAP21Q12

How much confidence, if any, do you have in the healthcare system in the U.S. to handle a future global health emergency that might occur?

- 1 A great deal
- 2 Some
- 3 Not too much
- 4 None at all



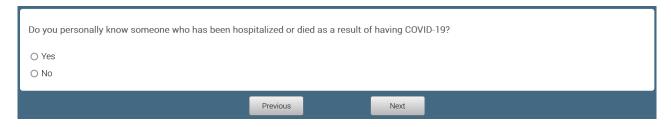
ASK IF DID NOT RESPOND YES IN W94 OR W83 OR W79 OR W72 OR W67 OR W65 (XKNOWPAT=1)

COVID_KNOWPATIENTb

Do you personally know someone who has been hospitalized or died as a result of having COVID-19?

1 Yes

2 No



ASK ALL:

COVID_SELF Since February 2020, have you done or experienced the following?

NO ITEM a

- b. Been pretty sure you have had COVID-19 even though you have not been officially diagnosed
- c. Tested positive for having COVID-19

NO ITEMS d or e

- 1 Yes, I have
- 2 No, I have not



ASK FORM 1 [XFORM=1]:

COVIDOE1

Thinking about the coronavirus outbreak, what have you learned about how new medical treatments and vaccines are developed?

[OPEN END; TEXT BOX]



ASK FORM 2 [XFORM=2]:

COVIDOE2

Thinking about the coronavirus outbreak, what lesson should the country learn to be better prepared for the possibility of a new outbreak of infectious disease?

[OPEN END; TEXT BOX]

Thinking about the coronavirus outbreak, what le disease?	sson should the country lear	n to be better prepared for the p	ossibility of a new outbreak of infectious
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ASK FORM 3 [XFORM=3]:

Did you want to change or not/a proxy measure of?

COVIDOE3

Some people say they have changed their priorities since the coronavirus outbreak. What about you? Please describe if there is something that has become MORE important to you, personally, since the coronavirus outbreak.

[OPEN END; TEXT BOX]

Some people say they have changed their priorit become MORE important to you, personally, since		reak. What about you? Please do	escribe if there is something that has	
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ASK FORM 4 [XFORM=4]:

COVIDOE4

Some people say they have changed their priorities since the coronavirus outbreak. What about you? Please describe if there is something that has become LESS important to you, personally, since the coronavirus outbreak.

[OPEN END; TEXT BOX]

Some people say they have changed their priorities since the coronavirus outbreak. What about you? Please describe if there is something that has become LESS important to you, personally, since the coronavirus outbreak.			
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Just a few last questions...

ASK ALL:

MARITAL Which of these best describes you?

Married

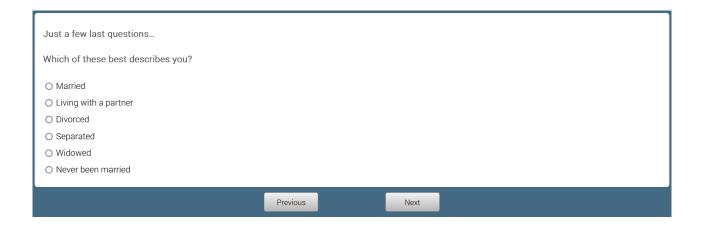
2 Living with a partner

3 Divorced

4 Separated

Widowed

Never been married



ASK IF DIVORCED, SEPARATED, WIDOWED, NEVER MARRIED OR NO ANSWER (MARITAL=3-99):

MARITAL2 Are you currently in a committed romantic relationship?

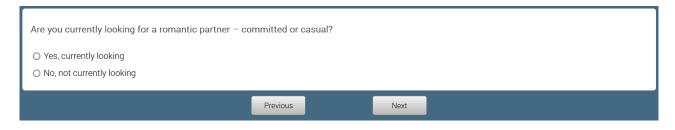
- 1 Yes, in a committed romantic relationship
- 2 No, not in a committed romantic relationship



ASK IF NOT IN A COMMITTED RELATIONSHIP (MARITAL2=2):

MARITAL3N Are you currently looking for a romantic partner – committed or casual?

- 1 Yes, currently looking
- 2 No, not currently looking



ASK ALL:

ONLINEDATE Have you ever used an online dating site or dating app?

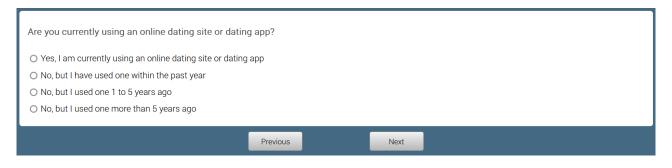
- 1 Yes, have done this
- 2 No, have not done this



ASK IF EVER USED AN ONLINE DATING SITE OR APP (ONLINEDATE=1):

ONLINEDATE2 Are you currently using an online dating site or dating app?

- 1 Yes, I am currently using an online dating site or dating app
- 2 No, but I have used one within the past year
- 3 No, but I used one 1 to 5 years ago
- 4 No, but I used one more than 5 years ago



CODEBOOK FOR ATP SAMPLE VARIABLES TO BE USED IN SURVEY PROGRAMMING LOGIC

XKNOWPAT

- 1 Ask
- 2 Do not ask

Note: Flag to identify if someone has already responded yes to this question in W94, W83, W79, W72, W67 or W65

Demographic variables selected for the dataframe are represented in the codebook